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PTO/SB/8A (08-00)

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	09/287,573
				Filing Date	April 06, 1999
				First Named Inventor	Walt et al.
				Group Art Unit	1641
				Examiner Name	Gabel, G.
Sheet	1	of	3	Attorney Docket Number	A-67207-2/DJB/RMS/DCF

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
JS	1	5,474,895		Ishii et al.	12/1995	
JS	2	5,494,810		Barany et al.	02/1996	
JS	3	5,679,524		Nikiforov et al.	10/1997	
JS	4	5,830,711		Barany et al.	11/1998	
JS	5	5,856,083		Chelsky et al.	01/1999	
JS	6	5,858,732		Solomon et al.	01/1999	
JS	7	6,013,456		Akhavan-Tafti	01/2000	
JS	8	6,027,889		Barany et al.	02/2000	
JS	9	6,051,380		Sosnowski et al.	04/2000	
JS	10	6,054,564		Barany et al.	04/2000	
JS	11	6,083,763		Balch	07/2000	
JS	12	6,110,678		Weisburg et al.	08/2000	
JS	13	6,172,218	B1	Brenner	01/2001	
JS	14	6,251,639	B1	Kurn	06/2001	
JS	15	6,268,148		Barany et al.	07/2001	
JS	16	5,866,331		Singer et al.	02/1999	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
		Office ³	Number ⁴	Kind Code ² (if known)				
JS	17	WO	93/25563	A1	City of Hope	12/1993	_____	
JS	18	WO	97/31256	A3	Cornell Research Foundation	08/1997	_____	
JS	19	WO	98/13523	A1	Pyrosequencing AB	04/1998	_____	
JS	20	WO	99/60170	A1	Hyseq Inc.	11/1999	_____	
JS	21	WO	99/67641	A2	Illumina Inc.	12/1999	_____	
JS	22	WO	99/13004	A3	Trustees of Tufts College	03/2000	_____	
JS	23	WO	00/16101	A2	Trustees of Tufts College	03/2000	_____	
JS	24	WO	00/39587	A1	Illumina Inc.	07/2000	_____	

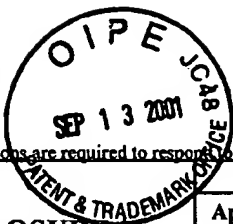
Examiner Signature	<i>Gail R. Gabel</i>	Date Considered	9/17/07
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	09/287,573
				Filing Date	April 06, 1999
				First Named Inventor	Walt et al.
				Group Art Unit	1641
				Examiner Name	Gabel, G.
Sheet	2	of	3	Attorney Docket Number	A-67207-2/DJB/RMS/DCF

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
		Office ³	Number ⁴	Kind Code ² (if known)				
88	25	WO	00/47996	A2	Illumina Inc.	08/2000	_____	
88	26	WO	00/58516	A2	Whitehead Institute for	10/2000	_____	
88	27	WO	00/63437	A2	Illumina Inc.	10/2000	_____	
88	28	WO	00/71243	A1	Illumina Inc.	11/2000	_____	
88	29	WO	00/71995	A2	Illumina Inc.	11/2000	_____	
88	30	WO	00/75373	A2	Illumina Inc.	12/2000	_____	

Examiner Signature	Date Considered
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Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number

09/287,573

Filing Date

April 06, 1999

First Named Inventor

Walt et al.

Group Art Unit

1641

Examiner Name

Gabel, G.

Attorney Docket Number

A-67207-2/DJB/RMS/DCF

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

[illegible]

**Examiner
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Date Considered

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INFORMATION DISCLOSURE CITATION

PTO-1449

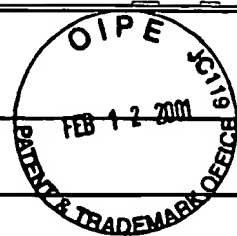
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A-67207-2/DJB/RMS
/DCF

SERIAL NO.
09/287,573

APPLICANT
Walt et al.

FILING DATE
April 6, 1999

GROUP
1641



U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS		PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
88	1	5,639,603	06/1997	Dower et al.			
88	2	4,824,789	4/1989	Yafuso et al.			RECEIVED
88	3	4,999,306	3/1991	Yafuso et al.			
88	4	5,357,590	10/1994	Auracher			FEB 15 2001
88	5	5,481,629	1/1996	Tabuchi			
88	6	5,575,849	11/1996	Honda et al.			TECH CENTER 1600/290
88	7	5,656,241	8/1997	Seifert et al.			
88	8	5,840,256	11/1998	Demers et al.			
88	9	5,854,684	12/1998	Stabile et al.			
88	10	5,516,635	5/1996	Ekins et al.			
88	11	5,863,708	1/1999	Zanzucchi et al.			
88	12	5,518,883	5/1996	Soini			

FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS		PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							Yes	No
88	13	99/67414	12/1999	PCT			/	
88	14	96/03212	2/1996	PCT			/	
88	15	97/14928	4/1997	PCT			/	
88	16	98/50782	11/1998	PCT			/	
88	17	97/40385	10/1997	PCT			/	
88	18	98/53093	11/1998	PCT			/	
88	19	98/40726	9/1998	PCT			/	
88	20	99/18434	4/1999	PCT			/	
88	21	00/48000	9/2000	PCT			/	
88	22	00/04372	1/2000	PCT			/	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

88	23	Czarnik, "Illuminating the SNP Genomic Code," Modern Drug Discovery, 1(2): 49-55 (1998).					
88	24	Michael et al., "Making Sensors out of Disarray: Optical Sensor Microarrays," Proc. SPIE, 3270: 34-41 (1998).					
88	25	Michael et al., "Randomly Ordered Addressable High-Density Optical Sensor Arrays," Anal. Chem. 70(7): 1242-1248 (April 1998).					
88	26	Walt, D. "Fiber Optic Imaging Sensors," Accounts of Chemical Research, 31(5): 267-278 (1998).					

EXAMINER

Ernie B. Gahl

DATE CONSIDERED

9/17/07

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application No.	09/287,573	
	Filing Date	April 6, 1999	
	First Named Inventor	David R. Walt	
	Art Unit	1641	
(Multiple sheets used when necessary)		Examiner	Gailene Gabel
SHEET 1 OF 1		Attorney Docket No.	ILLINC.067CPI

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
/GG/	1.	5,858,859	01-12-1999	Sapolsky, et al.	
/GG/	2.	6,300,063	10-09-2001	Lipshutz, et al.	
/GG/	3.	6,309,822	10-30-2001	Fodor, et al.	
/GG/	4.	6,344,316	02-5-2002	Lockhart, et al.	
/GG/	5.	6,468,476	10-22-2002	Friend, et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.	Foreign Patent Document Country Code-Number-Kind Code Example: JP 1234567 A1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T ¹
/GG/	6.	WO1991/02975	03-07-1991	University of Washington		
/GG/	7.	WO1995/11454	04-27-1995	Abbott Laboratories		
/GG/	8.	WO1999/54724	10-28-1999	Imaging Research, Inc.		
/GG/	9.	WO1999/60450	11-25-1999	SmithKline Beecham		
/GG/	10.	WO2000/18962	04-06-2000	Affymetrix, Inc.		
/GG/	11.	WO2000/34788	06-15-2000	BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM		
/GG/	12.	WO2000/39587	07-06-2000	Illumina, Inc.		
/GG/	13.	WO2000/47607	08-17-2000	YOON, Jeong, Hyeok		
/GG/	14.	WO2000/60332	10-12-2000	TRUSTEES OF TUFTS COLLEGE		
/GG/	15.	WO2001/46675	06-28-2001	Illumina, Inc.		
/GG/	16.	WO2003/02979	01-09-2003	Illumina, Inc.		

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ¹

3979726:070607

Examiner Signature	/Gailene Gabel/ (09/17/2007)	Date Considered	09/17/2007
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